

Product datasheet for TP308666

ROR beta (RORB) (NM_006914) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAR-related orphan receptor B (RORB), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208666 protein sequence
Red=Cloning site Green=Tags(s)

MRAQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQNNASYSQPRQRNCLIDRTNRNRCQHCRLLQKC
LALGMSRDAVKFGRMSKKQRDSLYAEVQKHQQLQEQRQQQSGEAEALARVYSSSISNGLSNLNNETSGT
YANGHVIDLPKSEGYYNVDSGQSPDQSGLDMTGIKQIKQEPIDLTSPNLFYSSFNNGQLAPGITMT
EIDRIAQNIKSHLETCQYTMEELHQLAWQTHTYEEIKAYQSKSREALWQQCAIQITHAIQYVVEFAKRI
TGFMELCQNDQILLKSGCLEVVLVRCRAFNPPLNNTVLFEGKYGGMGMQMFKALGSDDLVNEAFDFAKNLC
SLQLTEEEIALFSSAVLISPDRAWLIEPRKVQKLQEKIYFALQHVQKNHLDDDELAKLIAKIPTITAVC
NLHGEKLVFKQSHPEIVNTLFPPLYKELFNPDCATGCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 51.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_008845](#)



[View online »](#)

Locus ID: 6096

UniProt ID: [Q58EY0](#)

RefSeq Size: 3604

Cytogenetics: 9q21.13

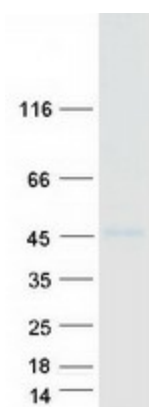
RefSeq ORF: 1377

Synonyms: bA133M9.1; EIG15; NR1F2; ROR-BETA; RZR-BETA; RZRB

Summary: The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, and to help regulate the expression of some genes involved in circadian rhythm. [provided by RefSeq, Feb 2014]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



Coomassie blue staining of purified RORB protein (Cat# TP308666). The protein was produced from HEK293T cells transfected with RORB cDNA clone (Cat# [RC208666]) using MegaTran 2.0 (Cat# [TT210002]).